DESIGN CRITERIA –

A. DESIGN LIVE LOADS
  1. SCOREBOARD = 0 PSF

B. DESIGN DEAD LOADS (ADDITIONAL TO SELF WEIGHT)
  1. SCOREBOARD = 600 PSF

C. WIND
  BASIC WIND SPEED   105 MPH
  EFFECTIVE WIND SPEED / Kzt   100 MPH / 1.0
  EXPOSURE CATEGORY   C
  PRIMARY FRAME DESIGN METHOD   METHOD 2 (ANALYTICAL PROCEDURE)
  BUILDING CLASSIFICATION   FREESTANDING SIGN
  IMPORTANCE FACTOR   1.0

  ASCE 7–05, 6.5.14 DESIGN FOR SOLID FREESTANDING WALLS & SOLID SIGNS:
  VELOCITY PRESSURE (qh)   20.40 PSF
  GUST– EFFECT FACTOR (G)   .85
  NET FORCE COEFFICIENT (Cf)   1.73
  PROJECTED AREA (Af)   144 sq. ft.

D. SEISMIC
  OCCUPANCY CATEGORY   II
  SITE CLASS   B
  Sds   1.55 g
  Sd1   0.66 g
  SEISMIC DESIGN CATEGORY   E

E. SEE SHEET S-AX001 FOR BALANCE OF GENERAL NOTES AND MATERIAL SPECIFICATIONS.

18'-0" MAXIMUM
10'-0" +\-
VARY TO MATCH MOUNTING LOCATION OF SCOREBOARD

8'-0" MAXIMUM

18'-0" MAXIMUM

MOUNTING BRACKET & FASTENER
PER MANUFACTURER (TYP.)

SCOREBOARD PER PARKS AND
RECREATION SPECIFICATION,
DESIGN DEAD LOAD = 600 LB

3/16
3/16   MOUNTING BRACKET TO
        COLUMN CONNECTION

10'-0"

W12x30 STEEL COLUMN   W12x30 STEEL COLUMN

FINISHED GRADE

SLOPE PIER TO SHED WATER (TYP.)

7'-0" DEEP SQUARE PIER

3000 PSI CONCRETE PIER,
REINFORCING AND COLUMN
EMBEDMENT PER PIER SECTION
THIS SHEET (TYP.)

3'-0"
SQUARE PIER

A SCORBOARD FRAME - ELEVATION
SCALE: 1/2" = 1'-0"   0 2' 4'

MOUNTING BRACKET & FASTENER
PER MANUFACTURER (TYP.)

SCOREBOARD PER PARKS AND
RECREATION SPECIFICATION,
DESIGN DEAD LOAD = 600 LB

MOUNTING BRACKET TO   3/16
COLUMN CONNECTION   3/16

W12x30 STEEL COLUMN

FINISHED GRADE

SLOPE PIER TO SHED WATER (TYP.)

7'-0" DEEP SQUARE PIER

3000 PSI CONCRETE PIER,
REINFORCING AND COLUMN
EMBEDMENT PER PIER SECTION
THIS SHEET (TYP.)

3'-0"
SQUARE PIER

B SCORBOARD FRAME - ELEVATION
SCALE: 1/2" = 1'-0"   0 2' 4'

(12) #5 BARS EVENLY
SPACED AROUND PIER

3" CLEAR

W12x30 STEEL COLUMN
CENTERED WITHIN PIER

3000 PSI CONCRETE PIER

3'-0"
SQUARE PIER

3'-0"
SQUARE PIER

½" THK. STEEL PLATE WELDED
TO BASE OF COLUMN

D PIER SECTION "D"
SCALE: 1/2" = 1'-0"   0 2' 4'

W12x30 STEEL COLUMN
CENTERED WITHIN PIER

SLOPE PIER TO SHED WATER (TYP.)

FINISHED GRADE

3" CLEAR

(12) #5 BARS EVENLY
SPACED AROUND PIER

3000 PSI CONCRETE PIER

7'-0" DEEP SQUARE PIER

#3 ☐ TIES @ 6" O.C.
FULL HEIGHT OF PIER

3" CLEAR

3'-0"
SQUARE PIER

½" THK. STEEL PLATE WELDED
TO BASE OF COLUMN

C PIER SECTION
SCALE: 1/2" = 1'-0"   0 2' 4'

MARK DATE DESCRIPTION
△1 2014-4-10 ADD. 3: ENTIRE SHEET ADDED

REVIEWED:
DEPARTMENT OF PARKS AND RECREATION DATE

S-AX102

PAHOA PARK MASTER PLAN
PHASE I - BID SUBMITTAL 2014-02-10

TMK: (3) 1-5-002:020
PAHOA, PUNA, HAWAII
SCOREBOARD FRAME - ELEVATIONS & PEIR SECTIONS

JOB NO.: PR-4234

SHEET NO.

DESIGNED BY: JTB
DRAWN BY: JTB
CHECKED BY: -YWF

PLAN SHEET
DESCRIPTION:

SHEETS OF

DATE: 2014-02-10